TRANSLATION PATENT COOPERATION TREATY POT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 059PCT 0165				FOR FURTHER ACTION See Form 1		See Form PCT/IPEA/416				
International application No.				International filing date (day/month/year) Priority date (day/month/year)		Priority date (day/month/year)				
PCT/EP2005/001214				07.02.200)5	01.03.2004				
Internati	International Patent Classification (IPC) or national classification and IPC									
A47L7/O4, A47L9/10, A47L9/12, A47L9/14, B01J20/18, B01J20/20, B01J20/26, B01J20/32										
Applicant EUROFILTERS N.V.										
This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.										
2.	E									
3.	This re	eport is also accor	mpanied by Al	NNEXES, comprising	:					
	a. 🔀	(sent to the	applicant and	to the International B	ureau) a total of 10	sheets, as follows:				
	sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).									
	sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental									
	Box.									
	b. (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s))									
	, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see									
				rative Instructions).						
4.	This re	eport contains ind	lications relatio	ng to the following ite	ms:					
	Box No. I Basis of the report									
		Box No. II	Priority							
		Box No. III	Non-establis	shment of opinion with	h regard to novelty, invent	ive step and industrial applicability				
		Box No. IV	Lack of unit	y of invention						
	Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement									
Box No. VI Certain documents cited										
	Box No. VII Certain defects in the international application									
	Box No. VIII Certain observations on the international application									
Date of	sub mi ss	ion of the deman	d		Date of completion of th	is report				
Name and mailing address of the IPEA/EP					Authorized officer					
Facsimile No.					Telephone No.					

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International application No.
PCT/EP2005/001214

Box	k No. I	I Basis of the report	
1.		th regard to the language, this report is based on the internation icated under this item.	nal application in the language in which it was filed, unless otherwise
		This report is based on translations from the original language which is the language of a translation furnished for the purposition international search (Rule 12.3 and 23.1(b)) publication of the international application (Rule 12.4)	
2.	rece		or 55.3) report is based on (replacement sheets which have been furnished to the referred to in this report as "originally filed" and are not annexed to
	\boxtimes	the description:	
		pages _ 1-22	as originally filed/furnished
		pages*	received by this Authority on
		pages*	received by this Authority on
	\boxtimes	the claims:	
		nos. 1-63	as originally filed/furnished
		nos.*	as amended (together with any statement) under Article 19
		nos.*	received by this Authority on
		nos.*	received by this Authority on
	\boxtimes	the drawings:	
		sheets 1/5-5/5	as originally filed/furnished
		sheets*	received by this Authority on
		sheets*	received by this Authority on
		a sequence listing and/or any related table(s) – see Suppleme	ental Box Relating to Sequence Listing.
3.		The amendments have resulted in the cancellation of:	
		the description, pages	
		the claims, nos.	
		the descriptor shorts (6)	
		the sequence listing (specify):	
4.			ments annexed to this report and listed below had not been made, since
		the description, pages	
		the claims, nos.	
		the sequence listing (specify):	
		any table(s) related to sequence listing (specify):	
*	If ite	tem 4 applies, some or all of those sheets may be marked "supe	rseded."

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Box No. V		Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
1.	Statement					
	Novelty (N)		Claims	1-57	YES	
			Claims		NO	
Inventive step (IS)		Claims	1-57	YES		
			Claims		NO	
Industrial applicability (IA)		Claims	1-57	YES		
			Claims		NO	

- 2. Citations and explanations (Rule 70.7)
 - 1. Reference is made to the following document: D1: WO 01/08543 A1
 - 2. Document D1 is considered to be the closest prior art to the subject matter of claims 1 and 52. It discloses (the references between parentheses relate to said document) a dust-collection filter (and a corresponding method) according to the preamble of claim 1.
 - 3. The subject matter of claim 1 therefore differs from the dust-collection filter known from D1 in that the adsorbent comprises fibres, flakes and/or granules as the carrier material onto the surface of which a pulverulent adsorption material is applied (characterizing part of claim 1).

 The subject matter of claims 1 and 52 is therefore novel (PCT Article 33(2)).
 - 4. The problem addressed by the present invention can therefore be considered that of reducing odours from dust deposited in dust-collection chambers in an improved manner compared to the known prior art

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Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

(D1).

The solution to this problem which is proposed in claim 1 of the present application involves an inventive step (PCT Article 33(3)): in D1, the odour-binding means is in the form of particles such as fibres. The prior art does not contain any suggestion which would cause a person skilled in the art to develop the filter known from D1 and provide it with particles according to the invention.

5. Dependent claims 2-51 and 53-57 are dependent on claim 1 (and, respectively, 52) and therefore likewise meet the PCT requirements for novelty and inventive step.

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Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

6. The phrase "module" in claim 11 is vague and unclear and leaves the reader uncertain as to the meaning of the technical feature in question. As a result, the subject matter of said claim is not clearly defined (PCT Article 6). The definition of this phrase can be found in the description, wherein it is the ratio of SiO₂ to Al₂O₃. This information should therefore be included in claim 11.